

IN THE SPECIFICATION:

Please replace the paragraph running from page 1, line 5, to page 3, line 21, of the specification with the following:

The present document contains subject matter related to that disclosed in the following commonly owned, and co-pending U.S. Patent Applications: Serial No. 09/209,460 filed December 11, 1998, entitled ULTRA WIDE BANDWIDTH SPREAD-SPECTRUM COMMUNICATIONS SYSTEM (Attorney Docket No. 10188-0001-8); Serial No. 09/633,815 filed August 7, 2000 entitled ELECTRICALLY SMALL PLANAR UWB ANTENNA (Attorney Docket 10188-0005-8); Serial No. 09/563,292 filed May 3, 2000 entitled PLANAR UWB ANTENNA WITH INTEGRATED TRANSMITTER AND RECEIVER CIRCUITS (Attorney Docket 10188-0006-8); Serial No. 60/207,225 filed May 26, 2000 entitled ULTRA WIDE BANDWIDTH SPREAD SPECTRUM COMMUNICATIONS SYSTEM (Attorney Docket 10188-0006-8); Serial No. 09/685,198 ~~XX/XXX,XXX~~ filed October 10, 2000 entitled ANALOG SIGNAL SEPARATOR FOR UWB VERSUS NARROWBAND SIGNALS (Attorney Docket 192504US8); Serial No. 60/238,466 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled ULTRA WIDE BANDWIDTH NOISE CANCELLATION MECHANISM AND METHOD (Attorney Docket 193517US8); Serial No. 60/217,099 filed July 10, 2000, entitled MULTIMEDIA WIRELESS PERSONAL AREA SYSTEM NETWORK (WPAN) PHYSICAL LAYER SYSTEM AND METHOD Attorney Docket 194308US8PROV); Serial No. 09/685,203 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled SYSTEM AND METHOD FOR BASEBAND REMOVAL OF NARROWBAND INTERFERENCE IN ULTRA WIDEBAND SIGNALS (Attorney Docket 194381US8); Serial No. 09/685,197 ~~XX/XXX,XXX~~, filed October 10, 2000, entitled MODE CONTROLLER FOR SIGNAL ACQUISITION AND TRACKING IN AN

ULTRA WIDEBAND COMMUNICATION SYSTEM (Attorney Docket 194588US8); Serial No. 09/685,197 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled ULTRA WIDEBAND COMMUNICATION SYSTEM WITH LOW NOISE PULSE FORMATION (Attorney Docket 195268US8); Serial No. 09/685,195 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled ULTRA WIDE BANDWIDTH SYSTEM AND METHOD FOR FAST SYNCHRONIZATION (Attorney Docket 195269US8); Serial No. 09/684,401 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled ULTRA WIDE BANDWIDTH SYSTEM AND METHOD FOR FAST SYNCHRONIZATION USING SUB CODE SPINS (Attorney Docket 195272US8); Serial No. 09/685,196 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled ULTRA WIDE BANDWIDTH SYSTEM AND METHOD FOR FAST SYNCHRONIZATION USING MULTIPLE DETECTION ARMS (Attorney Docket 195273US8); Serial No. 09/685,202 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled METHOD AND SYSTEM FOR ENABLING DEVICE FUNCTIONS BASED ON DISTANCE FORMANCE (Attorney Docket 195671US8); Serial No. 09/685,201 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled CARRIERLESS ULTRA WIDEBAND WIRELESS SIGNALS FOR CONVEYING APPLICATION DATA (Attorney Docket 196108US8); Serial No. 09/685,205 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled SYSTEM AND METHOD FOR GENERATING ULTRA WIDEBAND PULSES (Attorney Docket 197023US8); Serial No. 09/684,782 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled ULTRA WIDEBAND COMMUNICATION SYSTEM, METHOD, AND DEVICE WITH LOW NOISE RECEPTION (Attorney Docket 197024US8); and Serial No. 09/685,199 ~~XX/XXX,XXX~~ filed October 10, 2000, entitled A LOW POWER, HIGH RESOLUTION TIMING GENERATOR FOR ULTRA-WIDE BANDWIDTH COMMUNICATIONS SYSTEMS (Attorney Docket 195670US8), the entire contents of each of which being incorporated herein by reference.